

CEC 2004 IEPR Transmission for Renewables Workshop

May 10, 2004

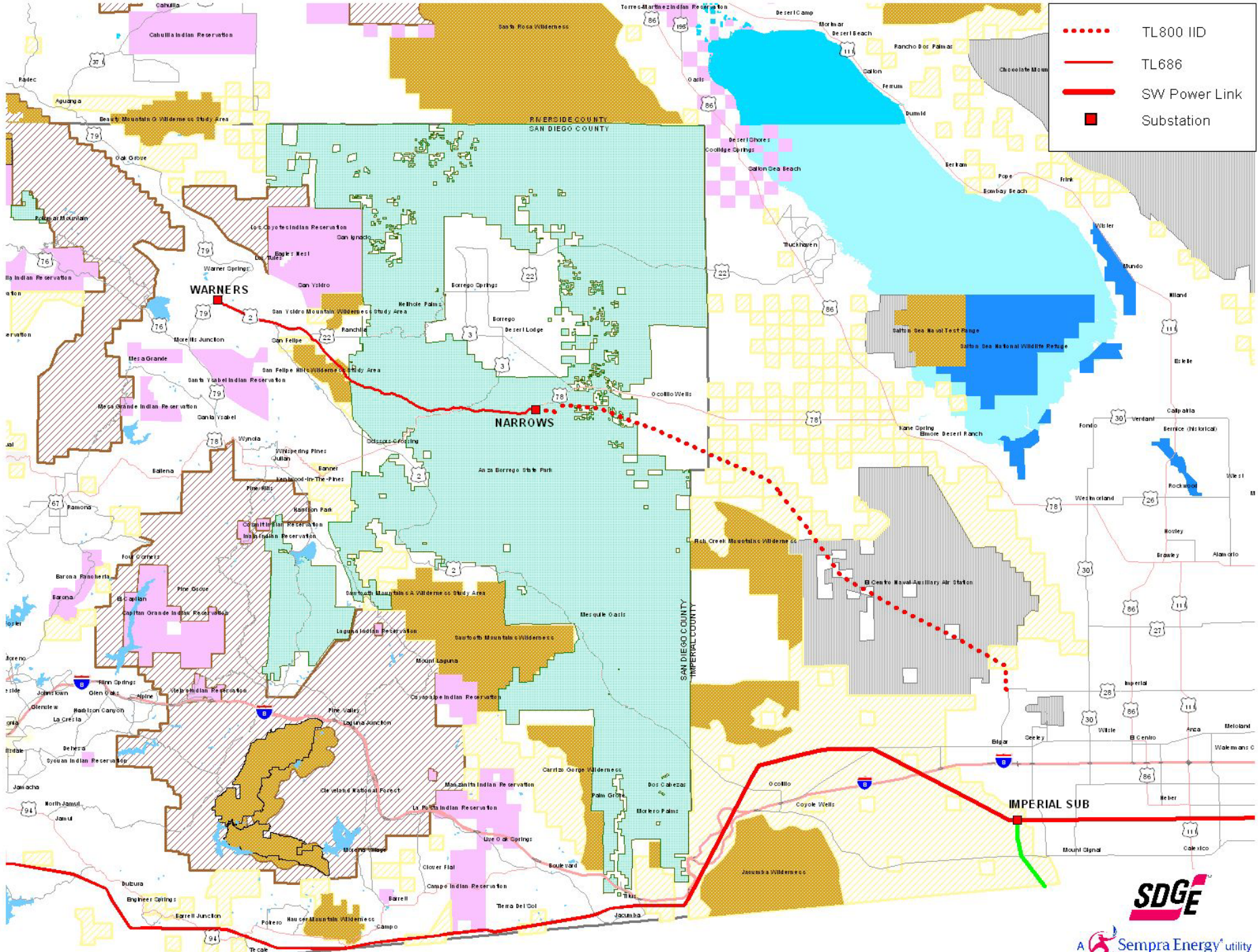
Dave Korinek, Manager
SDG&E Transmission Planning

Existing & Planned SDG&E Transmission for Import of Renewables

- South of SONGS Path (2500MW) is fully subscribed for existing SONGS & CDWR shares up to 2010
- Southwest Power Link (1120MW) is fully subscribed by Arizona & Mexico resources
- Proposed Imperial Valley – San Diego 500kV Expansion Project (ISEP) could add up to 1400MW import capability
- Proposed Lake Elsinore pumped storage (LEAPS) project could add up to 1000MW import capability

External Area Renewable Interest Received in SDG&E's April 2004 Solicitation

Type	Solar	Wind	Geothermal	Total
Location	SCE Service Area	SCE Service Area	Salton Sea	
MW	200	2472	600	3272
% deliverable to SDG&E on existing Grid	0% through 2009; could replace part of CDWR starting 2010	0% through 2009; could replace part of CDWR starting 2010	0%	Max. of 2070MW on South of SONGS if no CDWR
% deliverable if build ISEP	0%	0%	100%	Maximum of 1400MW
% deliverable if build LEAPS	100%	~25-50%	0%	Maximum of 1000MW



- TL800 IID
- TL686
- SW Power Link
- Substation



Transmission Action Plan for External SDG&E Renewables

- Secure 500kV corridor through Anza Borrego Desert State Park for ISEP to access Salton Sea geothermal
- Support LEAPS corridor across US Forest Service land for access to SCE area wind & solar
- Long-term plan: identify preferred corridor to connect ISEP to LEAPS forming 500kV loop from Imperial Valley through SDG&E to SCE